ress Mail Label No. ET1340223

UTILITY PATENT APPLICATION TRANSMITTAL (Larg Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. **FIS920010238US1** 

Total Pages in this Submission

## TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application Washington, D.C. 20231

								Washington,	D.C. 20231		
					or f	iling under 35	U.S	.C. 111(a) and 3	7 C.F.R. 1.53	(b) is a new utility patent a	pplication for an
_			ntitle								2
Œ	RES	ONA	NT (	OPER/	ATI	ON OF MEM	IS SV	VITCH			"6 <u>6</u>
											5.8 54.
											)/0
and	l inv	ente	d by								5-1
2	V1	adim	ir Ni	kitin.							COPY OF PAPERS ORIGINALLY FILED
		SNIT	NIIA	TION	A D	DI ICATION	chac	ek annronriate ho	v and supply	the requisite information:	
			nuat			Divisional				of prior application No.:	
11				ion	_	Divisional	Ų	Continuation-i	ri-part (GIP)	or prior application No	
		is a				Distaland		O	(OID)	of aviou amplication No.	
#			nuat	ion		Divisional	u	Continuation-i	n-part (CIP)	of prior application No.:	
: .		is a			_				. (015)		
	C	onti	nuat	ion	Ц	Divisional	П	Continuation-i	n-part (CIP)	of prior application No.:	
W											
En	clos	sed a	are:					Application	Elemente		
<u> </u>								Application	Elements		
	1.	X	Filin	g fee a	as c	alculated and	trar	smitted as descr	ribed below		
	0	(SZA)	0	- 'f' A'	· •	h				adudina tha fallawina.	
	2.	X	Spe	cilicati	onı	having		15	pages and ii	ncluding the following:	
		a.	$\boxtimes$	Desc	ripti	ive Title of the	Inve	ention			
		b.		Cross	s Re	eferences to I	Relat	ed Applications (	(if applicable)		
			_							velopment (if applicable)	
		C.	_					• .		velopment (ii applicable)	
		d.		Refe	rend	ce to Microfic	ne A	ppendix (if applic	able)		
		e.	X	Back	gro	und of the Inv	entic	on			
		f.	X	Brief	Sur	mmary of the	Inve	ntion			
		g.	X	Brief	Des	scription of th	e Dra	awings <i>(if drawin</i>	gs filed)		
		h.	$\boxtimes$	Detai	iled	Description					
		i.	×	Clain	n(s)	as Classified	i Bel	ow			
			×			of the Disclo					
		١.	<u> </u>	Absti	aut	Of the Discio	Juie				

## UTILITY PATENT APPLICATION TRANSMITTAL (Larg Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. **FIS920010238US1** 

Total Pages in this Submission

3.	X	Dra	wing(s) <i>(when</i>	necessai	y as prescri	bed by 3	5 US	C 113)		
	a.		Formal	N	umber of Sh	eets				
	b.	X	Informal	N	umber of Sh	eets		5		
4.	×	Oatl	h or Declaratio	on	•					
	a.	X	Newly execut	ted (origin	al or copy)		Une	executed		
	b.		Copy from a	prior appl	cation (37 C	FR 1.63	(d)) <i>(t</i>	or continuation	divisional application	only)
i a	c.	×	With Power of	of Attorne	, □ w	ithout Po	ower	of Attorney		
	d.		DELETION C Signed stater see 37 C.F.R	ment attac	hed deleting	-	r(s) n	amed in the p	rior application,	
5.		The Box		ure of the dered as	prior application	ation, fro	m wh	ich a copy of t		tion is supplied under cation and is hereby
6.		Con	nputer Progran	n in Micro	fiche <i>(Appe</i>	ndix)				
・ 山 7. 口		Nuc	leotide and/or	Amino Ad	id Sequence	e Submis	ssion	(if applicable,	all must be include	d)
	a.		Paper Copy							
•	b.		Computer Re	adable C	opy (identica	al to com	puter	сору)		
	c.		Statement Ve	erifying Ide	entical Pape	r and Co	mpute	er Readable C	Сору	
					Accompa	nying A	pplic	ation Parts		
8.	×	Ass	ignment Pape	rs <i>(cover</i>	sheet & doc	ument(s)	)			
9.		37 (	CFR 3.73(B) S	tatement	(when there	is an as	signe	e)		
10.		Eng	lish Translatio	n Docum	ent (if applic	able)				
11.	×	Info	rmation Disclo	sure Stat	ement/PTO-	1449	×	Copies of IDS	S Citations	
12.		Pre	liminary Amen	dment						
13.	×	Ack	nowledgment	postcard						
14.	×	Cer	tificate of Mail	ing						
			First Class	⊠ Exp	ress Mail <i>(S</i>	Specify La	abel N	Vo.): ET13402	22317US	_

**Application Elements (Continued)** 



(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. **FIS920010238US1** 

Total Pages in this Submission

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of	_	
Assignee Name: International Business Machines Corporation  Assignee Address: Armonk, New York  Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)  17. Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.  Warning  An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice		Accompanying Application Parts (Continu d)
Assignee Name: International Business Machines Corporation  Assignee Address: Armonk, New York  Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)  17. Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.  Warning  An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice	15.	Certified Copy of Priority Document(s) (if foreign priority is claimed)
Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)  17. Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.  Warning  An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice	16.	Additional Enclosures (please identify below):
Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)  17. Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.  Warning  An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice		Assignee Name: International Business Machines Corporation
Warning  An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice		Assignee Address: Armonk, New York
Warning  An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice		Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)
An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice	17.	published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing
An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice	<b>.</b>	Warning
·		country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice

## UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. FIS920010238US1

Total Pages in this Submission

			Fee Calculat	ion and Trar	nsmitta	I	
			CLAIMS A	S FILED			
	For	#Filed	#Allowed	#Extra		Rate	Fee
Fotal	l Claims	16	- 20 =	0	x	\$18.00	\$0.00
ind [	p. Claims	2	- 3 =	0	x	\$84.00	\$0.00
	iple Deper	ndent Claims (check if	applicable)	]			\$0.00
						BASIC FEE	\$740.00
:: -	HER FEE (	specify purpose)					\$0.00
						TOTAL FILING FEE	\$740.00
<b>X</b>	The Commas describe  Change Change  Change	the amount of nissioner is hereby authored below. A duplicate conarge the amount of redit any overpayment. In harge any additional filing harge the issue fee set in transport to 37 C.F.R. 1.31	orized to charge a opy of this sheet \$740.00 as g fees required un a 37 C.F.R. 1.18	is enclosed. s filing fee. nder 37 C.F.F	posit Ad	and 1.17.	-13-U/
Date	d:			Reg IBN 207 Hoj	M Corp. O Route	on No. 39,238 oration - IPLaw Departme e 52 Junction, NY 12533	ent

Serial No. Unassigned	Filler Dete		FIS920010238US1
Chassigned	Filing Date  Herewith	Examiner Unassigned	Group Art Unit Unassigned
nvention: RESONANT O	PERATION OF MEMS SWITC	Н	
I have been contifue that this	N Heiliter Detent Application		
I hereby certify that this	New Utility Patent Application	(Identify type of correspondence)	
<u>,</u>			Addressee" service under
is being deposited with t	he United States Postal Service	"Express Mail Post Office to	
is being deposited with t		"Express Mail Post Office to	
is being deposited with t	he United States Postal Service	"Express Mail Post Office to	
is being deposited with t	he United States Postal Service	"Express Mail Post Office to	
is being deposited with t	he United States Postal Service slope addressed to: The Commit	e "Express Mail Post Office to issioner of Patents and Trade	emarks, Washington, D.C.
is being deposited with t 37 CFR 1.10 in an enve 20231-0001 on	he United States Postal Service slope addressed to: The Commit	"Express Mail Post Office to	emarks, Washington, D.C.
is being deposited with t 37 CFR 1.10 in an enve 20231-0001 on	he United States Postal Service slope addressed to: The Commit	e "Express Mail Post Office to issioner of Patents and Trade  Karen Cinq-M	emarks, Washington, D.C.  Mars  Marian Correspondence
is being deposited with t 37 CFR 1.10 in an enve 20231-0001 on	he United States Postal Service slope addressed to: The Commit	e "Express Mail Post Office to issioner of Patents and Trade  Karen Cinq-M	emarks, Washington, D.C.  Mars  Willing Correspondence)  The state of
is being deposited with t	he United States Postal Service slope addressed to: The Commit	Express Mail Post Office to issioner of Patents and Trade  Karen Cinq-M  (Typed or Printed Name of Person Ma	Iars  Mars

Note: Each paper must have its own certificate of mailing.